

**Flood Control Project Maintenance
Levee Inspections
LMA District Cover Sheet
Spring 2010 Levee Inspection Results**

Reclamation District No. 1600 Mull

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 1600 Mull

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	10.51
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/7/2010 - 5/7/2010			
DWR Inspector	John Williamson			
Accompanied By	Kent Lang RD1600			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 1600 Mull

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	10.51	05/07/2010 05/07/2010	John Williamson	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.09	Earthen Levee	Encroachments	WS CO	Fences Inspector Comments: chain link completely blocks access to waters edge		38.675242 ° -121.630492 °	38.676356 ° -121.631157 °	3 Y
2	0.06	0.06	Earthen Levee	Encroachments	WS PO	Buildings Inspector Comments: this is the home and pumping plant for RD 2035		38.675998 ° -121.630732 °	38.675998 ° -121.630732 °	1 Y
3	0.10	10.51	Earthen Levee	Vegetation	LS M	Control annual grass and weeds on the levee slopes and easements.		38.676480 ° -121.631220 °	38.765486 ° -121.634938 °	4
4	0.10	10.51	Earthen Levee	Vegetation	WS M	Control annual grass and weeds on the levee slopes and easements.		38.676479 ° -121.631219 °	38.765488 ° -121.634941 °	5
5	0.21	0.21	Earthen Levee	Vegetation	WS M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo		38.677920 ° -121.632092 °	38.677920 ° -121.632093 °	2
6	0.35	0.35	Earthen Levee	Encroachments	WS W	Material Inspector Comments: old metal inlet funnel on waterside berm needs to be removed		38.679561 ° -121.633107 °	38.679561 ° -121.633107 °	6 Y
7	0.54	0.54	Earthen Levee	Encroachments	WS M	Pipe Inspector Comments: old pipe from previous repair of pump on levee slope		38.682198 ° -121.634110 °	38.682198 ° -121.634110 °	7 Y
8	1.24	1.40	Earthen Levee	Crown Surface / Depressions / Rutting	CR M	Keep the crown roadway free of vegetation. Inspector Comments: tall weeds in center of crown		38.692139 ° -121.635438 °	38.694396 ° -121.634348 °	8
9	1.71	1.71	Earthen Levee	Encroachments	WS M	Material Inspector Comments: old metal ramp from unused dock, ramp is on levee shoulder		38.698364 ° -121.631926 °	38.698364 ° -121.631926 °	9 Y
10	2.00	5.89	Earthen Levee	Crown Surface / Depressions / Rutting	CR M	Keep the crown roadway free of vegetation. Inspector Comments: weeds cover crown		38.701435 ° -121.628240 °	38.749309 ° -121.597185 °	10
11	2.74	2.74	Earthen Levee	Trim / Thin Trees	CR W	Trim trees over roadway to at least 12 feet above ground level.		38.708532 ° -121.617962 °	38.708532 ° -121.617962 °	16
12	5.43	5.43	Earthen Levee	Vegetation	LS W	Elderberries are blocking visibility and flood fight capability.		38.743632 ° -121.601173 °	38.743632 ° -121.601173 °	13
13	5.48	5.81	Earthen Levee	Erosion / Bank Caving	WS M	Note and monitor erosion site.		38.744118 ° -121.601104 °	38.748210 ° -121.598025 °	19
14	5.88	5.88	Earthen Levee	Trim / Thin Trees	LS U	Trim trees to at least five feet above ground level.		38.749162 ° -121.597271 °	38.749162 ° -121.597271 °	12 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 1600 Mull

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	10.51	05/07/2010 05/07/2010	John Williamson	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	6.33	6.33	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level. Inspector Comments: fig tree needs to be trimmed or removed cactus at levee toe	38.755242 ° -121.594620 °	38.755242 ° -121.594620 °	15 Y
16	6.62	6.68	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.759531 ° -121.594108 °	38.760358 ° -121.594164 °	11
17	7.00	7.00	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.764940 ° -121.595348 °	38.764940 ° -121.595348 °	14
18	7.13	7.13	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.766505 ° -121.596214 °	38.766505 ° -121.596214 °	20
19	7.27	7.27	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.768409 ° -121.597213 °	38.768409 ° -121.597213 °	21
20	7.85	7.85	Earthen Levee	Encroachments	LS	M	Pipe	38.775499 ° -121.602735 °	38.775499 ° -121.602735 °	17 Y
21	9.75	9.75	Earthen Levee	Animal Control	WS	W	Exterminate rodents and backfill and compact or grout burrows.	38.775523 ° -121.630720 °	38.775523 ° -121.630720 °	22

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.51	05/07/2010 05/07/2010	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.09
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Chain link fence no permit

johngw_s_20100510_143.jpg



Levee Mile Report Line	2
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Building in back ground next to pumping plant

johngw_s_20100510_144.jpg



Levee Mile Report Line	6
Start Levee Mile	0.35
End Levee Mile	0.35
Location	Water Side
Category	Earthen Levee
Item	Encroachments

funnel on waterside

johngw_s_20100510_145.jpg



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Tuesday, July 06, 2010 15:29

FINAL DATA

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.51	05/07/2010 05/07/2010	John Williamson

Levee Mile Report Line	7
Start Levee Mile	0.54
End Levee Mile	0.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments

pipe left from repair

johngw_s_20100510_146.jpg



Levee Mile Report Line	9
Start Levee Mile	1.71
End Levee Mile	1.71
Location	Water Side
Category	Earthen Levee
Item	Encroachments

ramp for dock not being used

johngw_s_20100510_147.jpg



Levee Mile Report Line	14
Start Levee Mile	5.88
End Levee Mile	5.88
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

tree blocking levee slope

johngw_s_20100510_148.jpg



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Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	10.51	05/07/2010 05/07/2010	John Williamson

Levee Mile Report Line	15
Start Levee Mile	6.33
End Levee Mile	6.33
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

fig tree on levee slope, cactus in back ground

johngw_s_20100510_149.jpg



Levee Mile Report Line	20
Start Levee Mile	7.85
End Levee Mile	7.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments

drilling pipe on levee crown landside

johngw_s_20100510_150.jpg



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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Spring 2010 Levee Inspection Results
Reclamation District No. 1600 Mull**

Waterway		Bank	Unit Miles
Unit No. 02 Yolo Bypass		Left	4.22

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	5/7/2010 - 5/7/2010			
DWR Inspector	John Williamson			
Accompanied By				

Check one:

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 1600 Mull

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass						Left	4.22	05/07/2010 05/07/2010	John Williamson

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	4.18	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.735836 ° -121.633659 °	38.677035 ° -121.643377 °	1
2	0.01	4.18	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	38.735836 ° -121.633659 °	38.677034 ° -121.643377 °	2
3	0.45	0.47	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.729063 ° -121.633448 °	38.728777 ° -121.633442 °	3
4	0.58	0.75	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.727183 ° -121.633440 °	38.724817 ° -121.633452 °	4
5	0.81	4.18	Earthen Levee	Crown Surface / Depressions / Rutting	CR	U	Keep the crown roadway free of vegetation. Inspector Comments: crown has been mowed, weeds on crown	38.724346 ° -121.633403 °	38.677034 ° -121.643377 °	5 Y
6	1.08	1.35	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.720023 ° -121.633894 °	38.716205 ° -121.634895 °	13
7	1.74	2.01	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.710763 ° -121.637147 °	38.707116 ° -121.638722 °	14
8	2.12	2.23	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.705614 ° -121.639357 °	38.704052 ° -121.640016 °	15

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 1600 Mull

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	4.22	05/07/2010 05/07/2010	John Williamson

Levee Mile Report Line	5
Start Levee Mile	0.81
End Levee Mile	4.18
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
weeds on crown cannot see gravel roadway	
johngw_s_20100510_151.jpg	

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